

ABSTRACT OF THE DISCLOSURE

A susceptor device comprises a base body, an electrostatic absorbing inner electrode which is disposed on a bottom surface b of the base body , a power supplying terminal , an insulating sprayed layer which coats the electrostatic absorbing inner electrode and a connecting section for the power supplying terminal and the electrostatic absorbing inner electrode , and a temperature controlling section . The insulating sprayed layer and the temperature controlling section are attached together unitarily via the bonding agent layer. The flange c of the base body fits to a notched section a of the temperature controlling section such that the electrostatic absorbing inner electrode , insulating sprayed layer , and the bonding agent layer should be sealed from thereoutside.

It is possible to form a thin supporting plate and improve controllability for temperature on the plate sample and transparency for the plasma.